

Fig.1

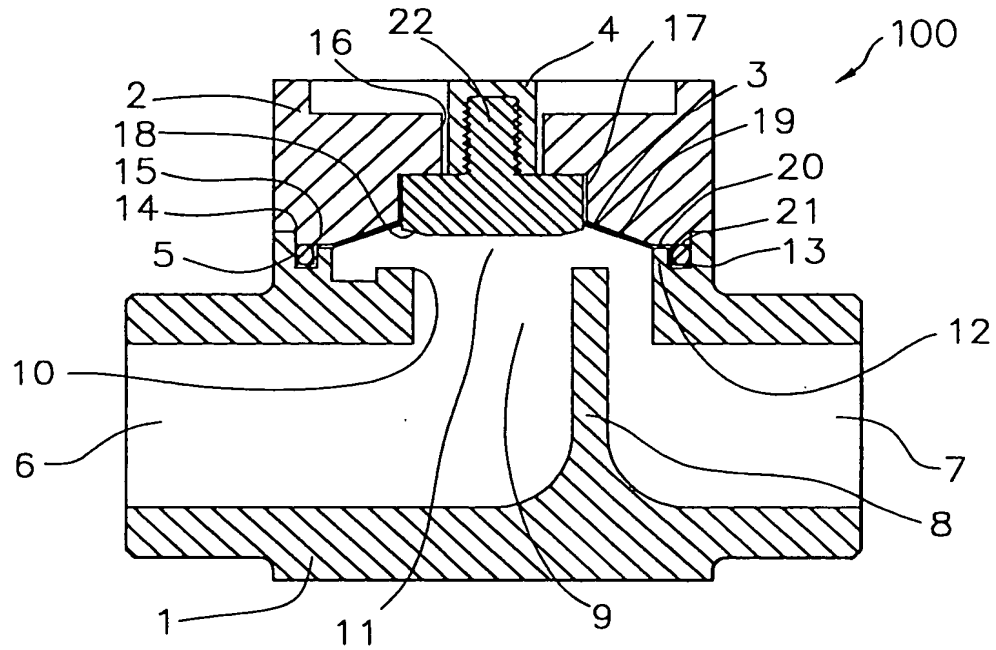


Fig.2

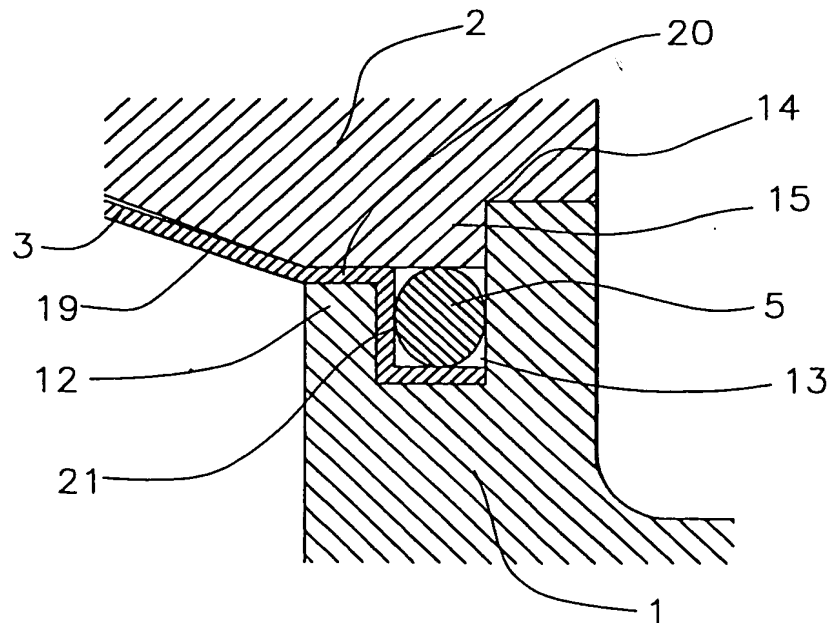


Fig. 3

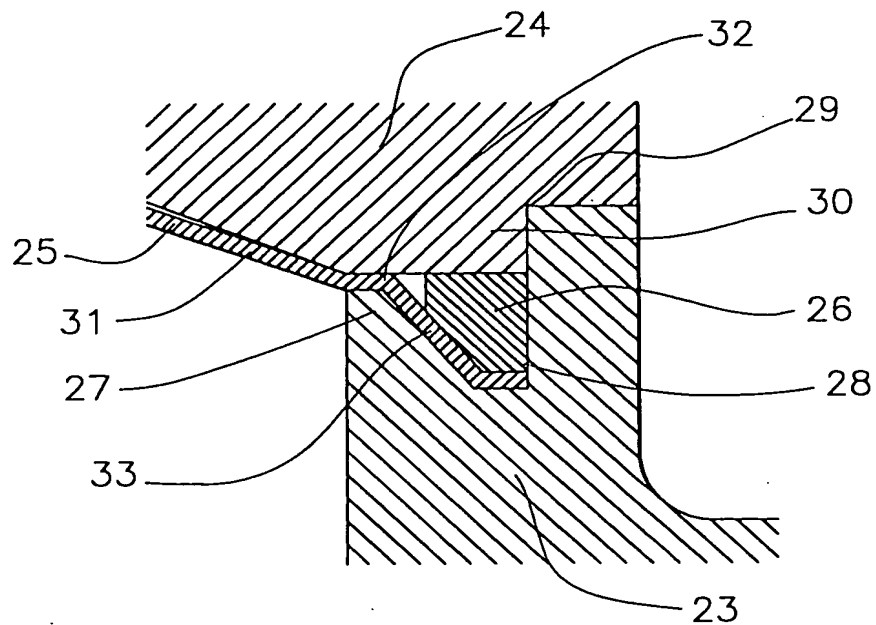


Fig. 4

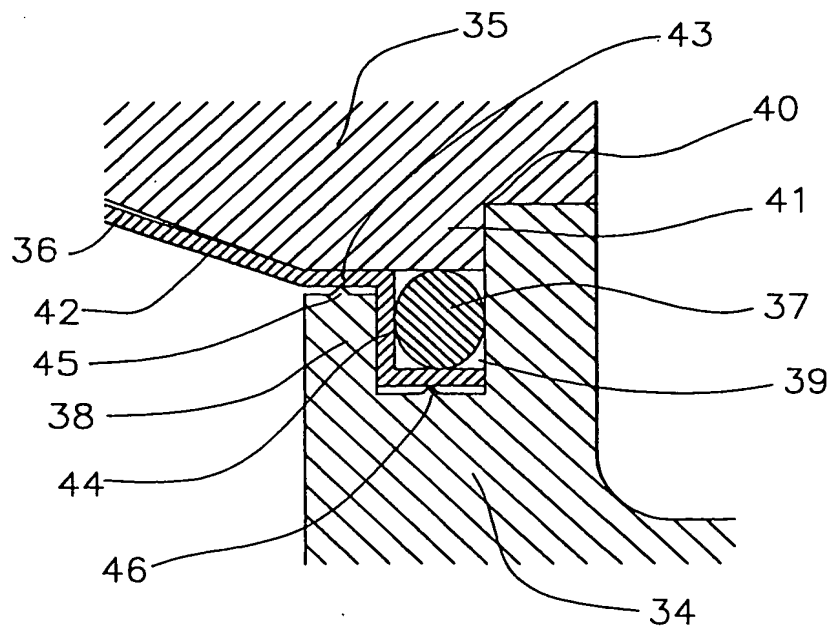


Fig.5

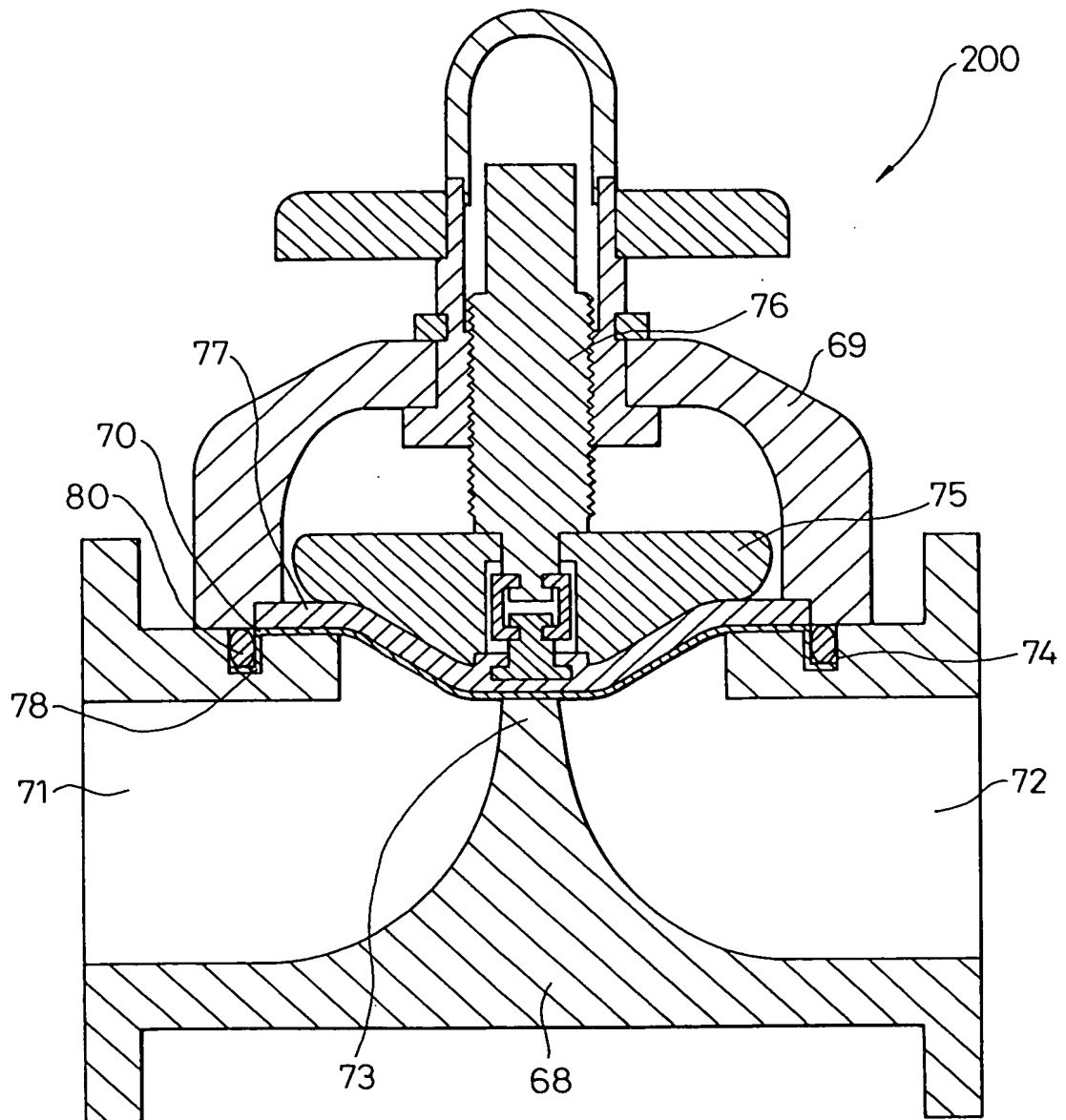


Fig.6

PRIOR ART

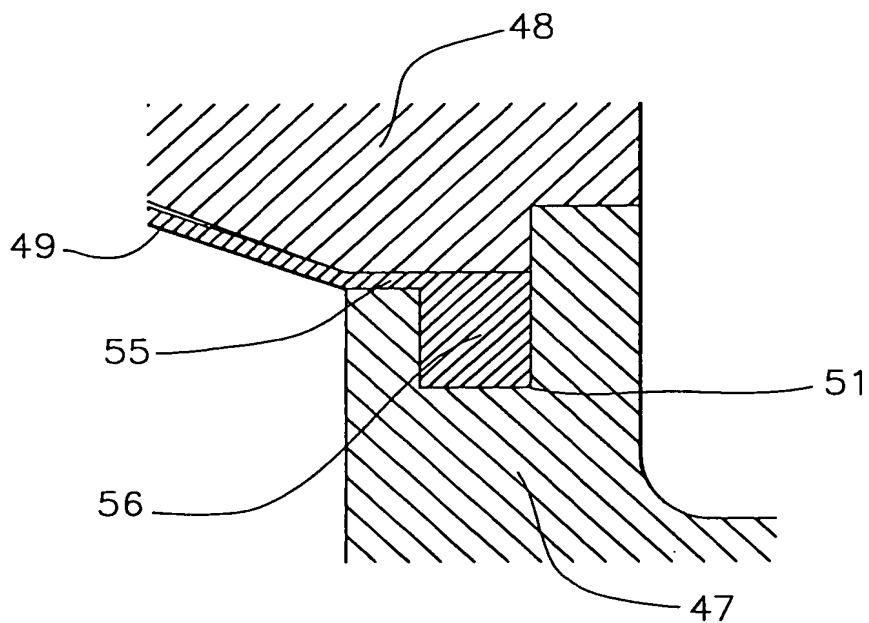
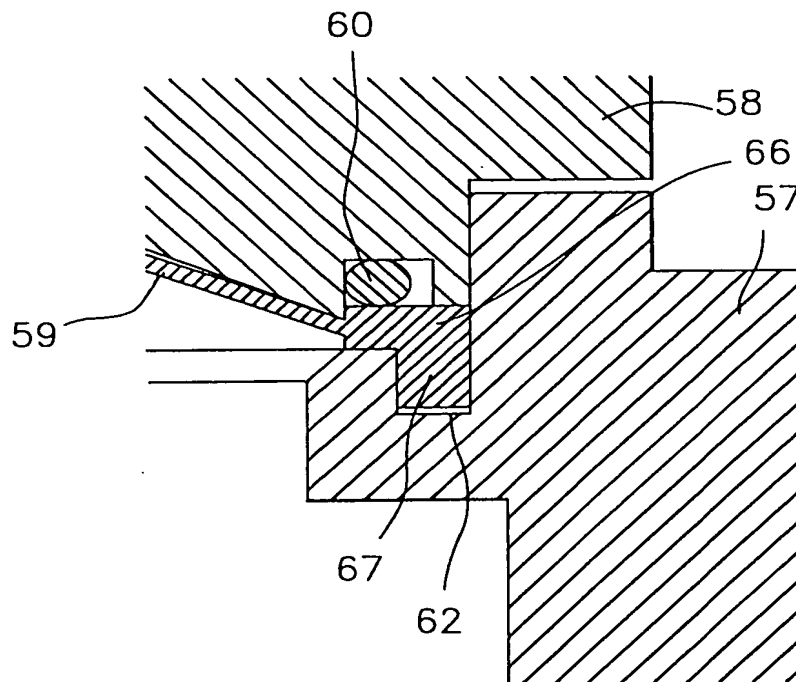


Fig.7

PRIOR ART



LIST OF REFERENCE CHARACTERS

- 1 Body
- 2 Bonnet
- 3 Diaphragm
- 4 Compressor
- 5 O-ring
- 6 Fluid inlet
- 7 Fluid outlet
- 8 Separating wall
- 9 Opening
- 10 Valve seat
- 11 Valve chamber
- 12 Flat part
- 13 Annular groove
- 14 Step difference
- 15 Projection
- 16 Through-hole
- 17 Recess
- 18 Valve element
- 19 Film part
- 20 Peripheral edge
- 21 Annular engagement part
- 22 Male screw
- 23 Body
- 24 Bonnet
- 25 Diaphragm

26 Packing  
27 Flat part  
28 Annular groove  
29 Step difference  
30 Projection  
31 Film part  
32 Peripheral edge  
33 Annular engagement part  
34 Body  
35 Bonnet  
36 Diaphragm  
37 O-ring  
38 Flat part  
39 Annular groove  
40 Step difference  
41 Projection  
42 Film part  
43 Peripheral edge  
44 Annular engagement part  
45 Annular projection  
46 Annular projection  
47 Body  
48 Bonnet  
49 Diaphragm  
51 Annular groove  
55 Peripheral edge  
56 Annular engagement part

57 Body  
58 Bonnet  
59 Diaphragm  
60 O-ring  
62 Annular groove  
66 Peripheral edge  
67 Annular engagement part  
100 Valve